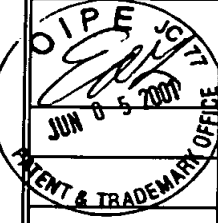


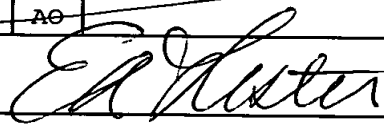


Form PTO-1449 U.S. Department of Commerce Patent & Trademark Office		Atty. Docket No. 3007/49615	Serial No. 09/771,940
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Kiyotaka MIURA et al.	
		Filing Date: January 30, 2001	Group: Unassigned 2873

U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)
	AA	5,694,249	12/2/97	Misawa	359	620	10/3/95 (Equiv. to JP 8-220688)
	AB						
	AC						
	AD						
	AE						
	AF						

FOREIGN PATENT DOCUMENTS							
		Document	Date	Country	Class	Sub-class	Translation Yes No
	AG	JP 8-220668	8/30/96	Japan	X	X	Abstract (Equiv. to US 5,694,249)
	AH	JP 11-232706	8/27/99	Japan			Abstract
	AI						
	AJ						
	AK						
	AL						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	AM	K. Hirao et al., "Room temperature persistent spectral hole burning of SM ²⁺ in fluorohafnate glasses", 55 <u>Journal of Luminescence</u> 217, 219 (1993)
	AN	
	AO	

EXAMINER 	DATE CONSIDERED 3-3-03
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FORM PTO-1449

U.S. Department of Commerce
Patent & Trademark OfficeAttorney Docket No.
3007/49615Serial No.
09/771,940INFORMATION DISCLOSURE
STATEMENT

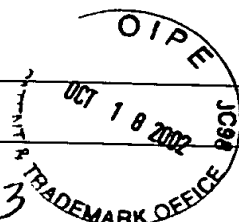
(Use several sheets if necessary)

Applicant: Kiyotaka MIURA, et al.

Filing Date
January 30, 2001

Group

2873



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Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)
EMZ	AA	4471470	09/1984	Swainson, et al.	365	127	
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	AJ						

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							Yes	No
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EMZ	AL	1055453	11/2000	Europe				
EMZ	AM	98/53448	11/1998	WO				
EMZ	AN	99/36171	07/1999	WO				
	AO							
	AP							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AQ						
	AR						
	AS						

EXAMINER

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